

Figure 1 - SONET Network Using Dual-Rings

FIGURE 1

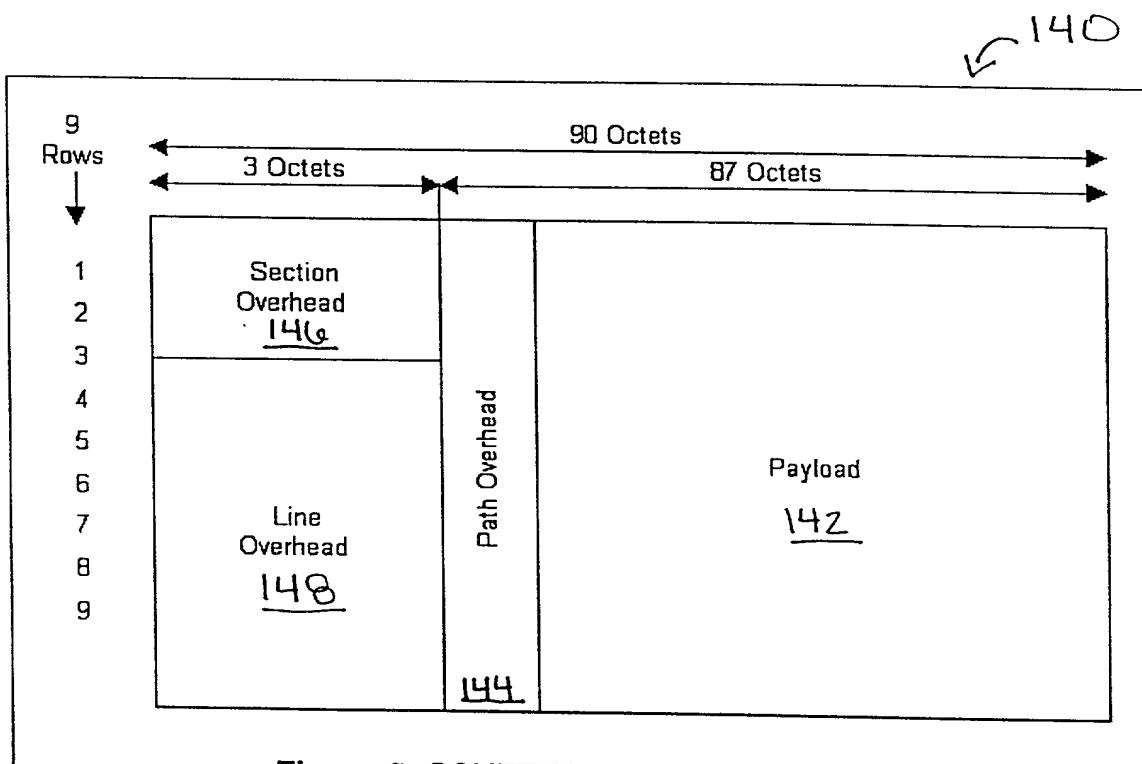
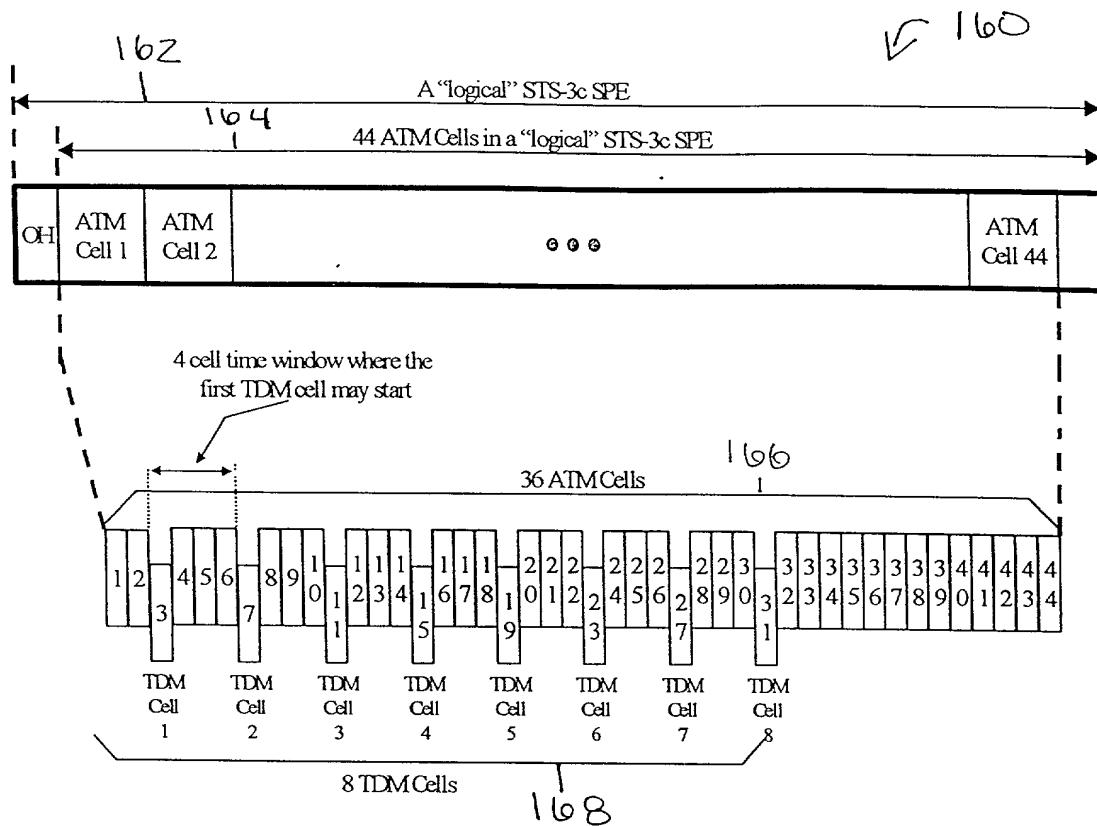


Figure 2- SONET STS-1 Frame Structure

FIGURE 2



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FIGURE 3

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Unpacked AAL-D Mode

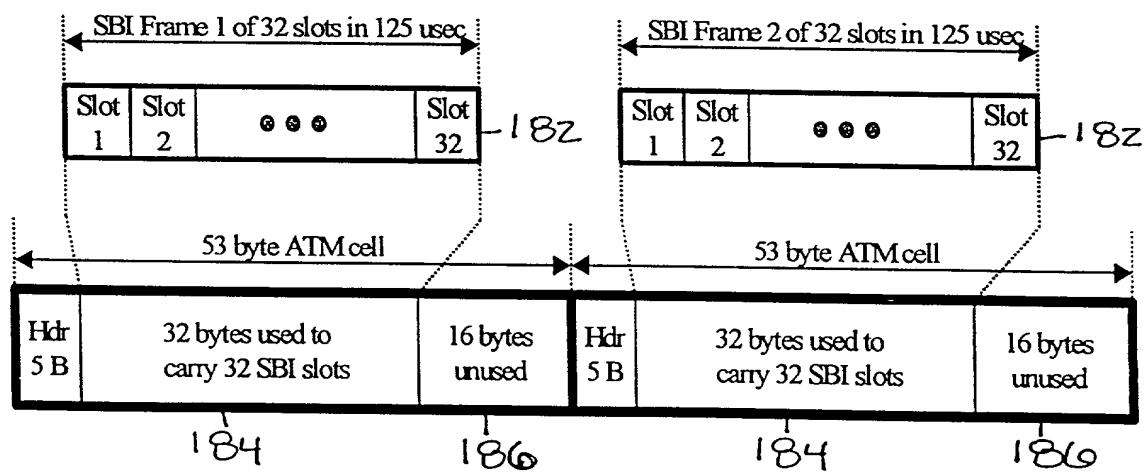


FIGURE 4

Packed AAL-D Mode

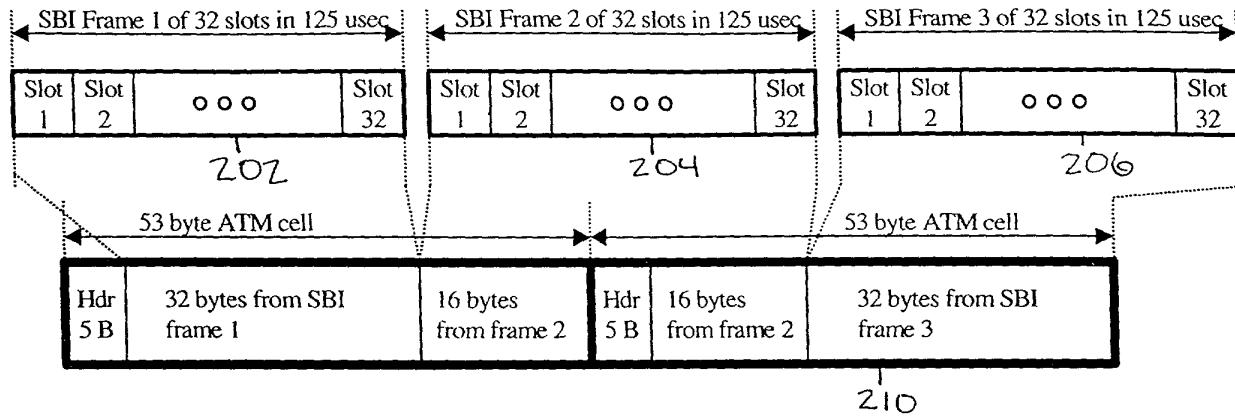


FIGURE 5

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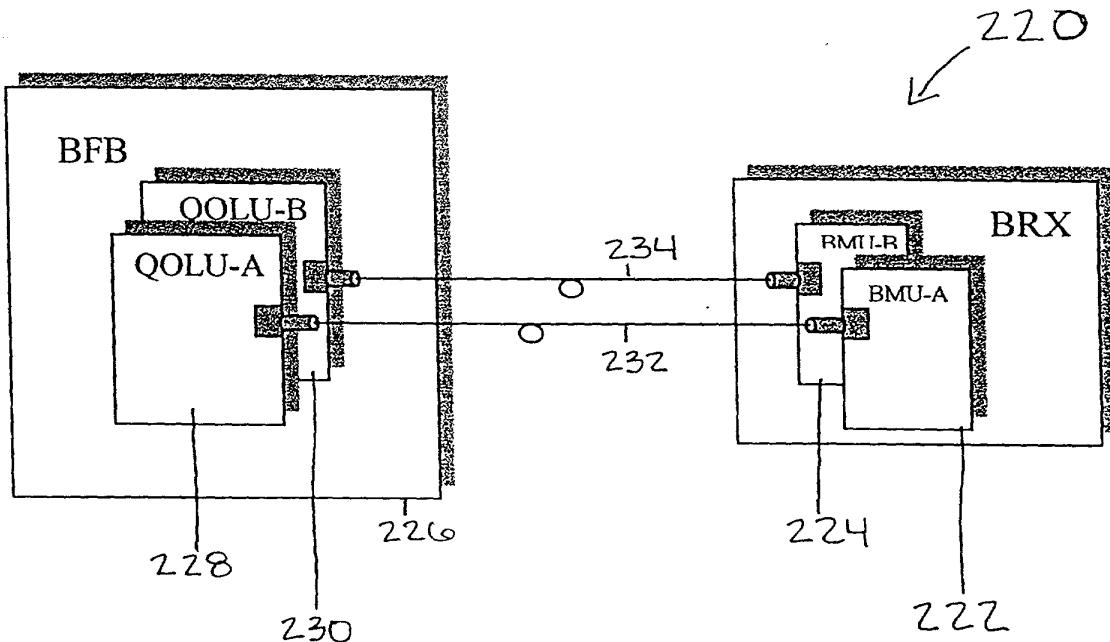
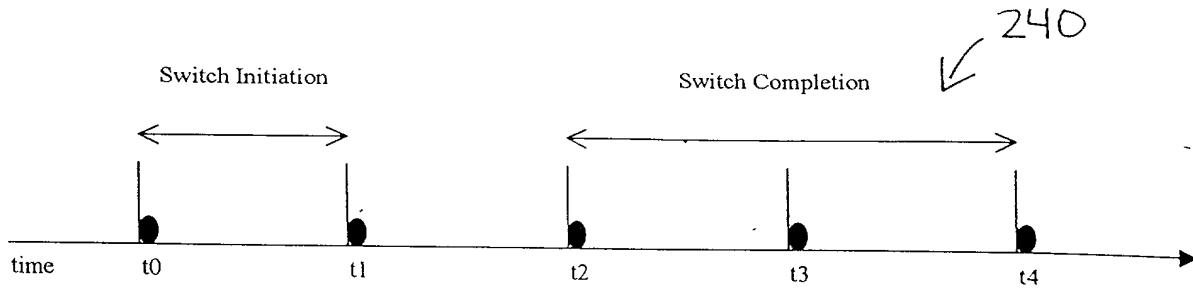


FIGURE 6



Time Key:
 t_0 = condition appeared; t_1 = condition detected;
 t_2 = switch determined; t_3 = NE traffic switched;
 t_4 = FE complied via K1/K2 bytes.

FIGURE 7

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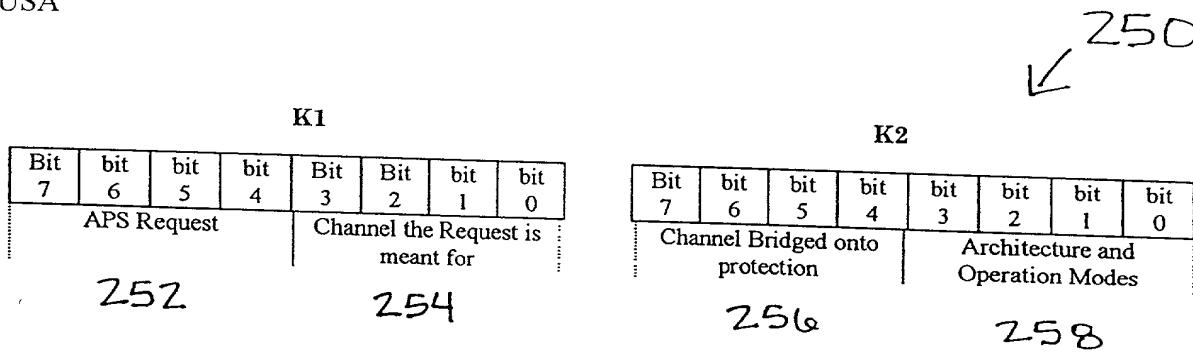


FIGURE 8

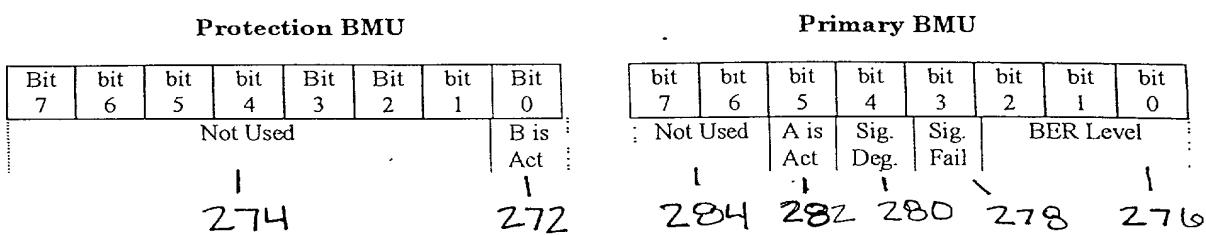


FIGURE 9

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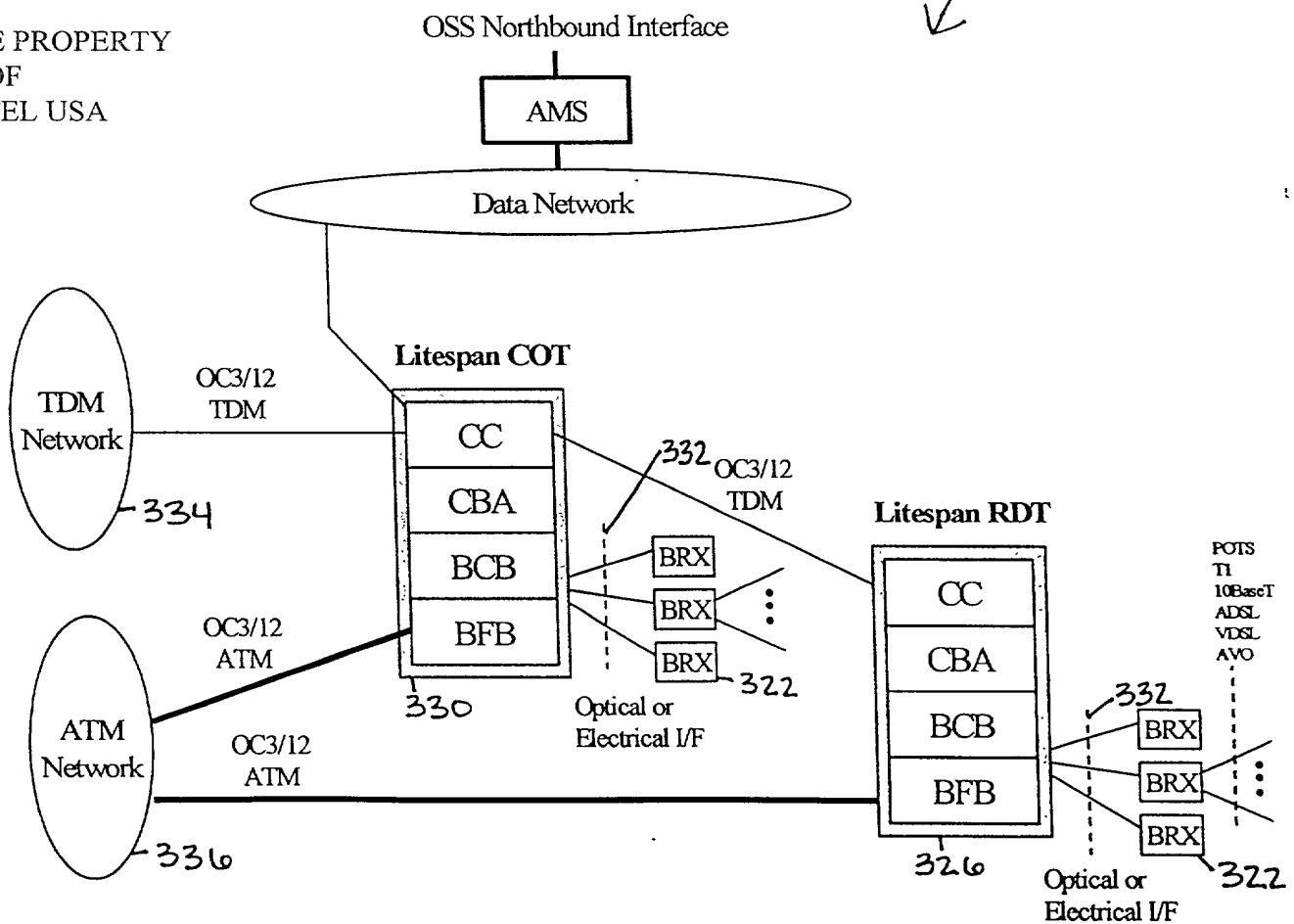


FIGURE 11

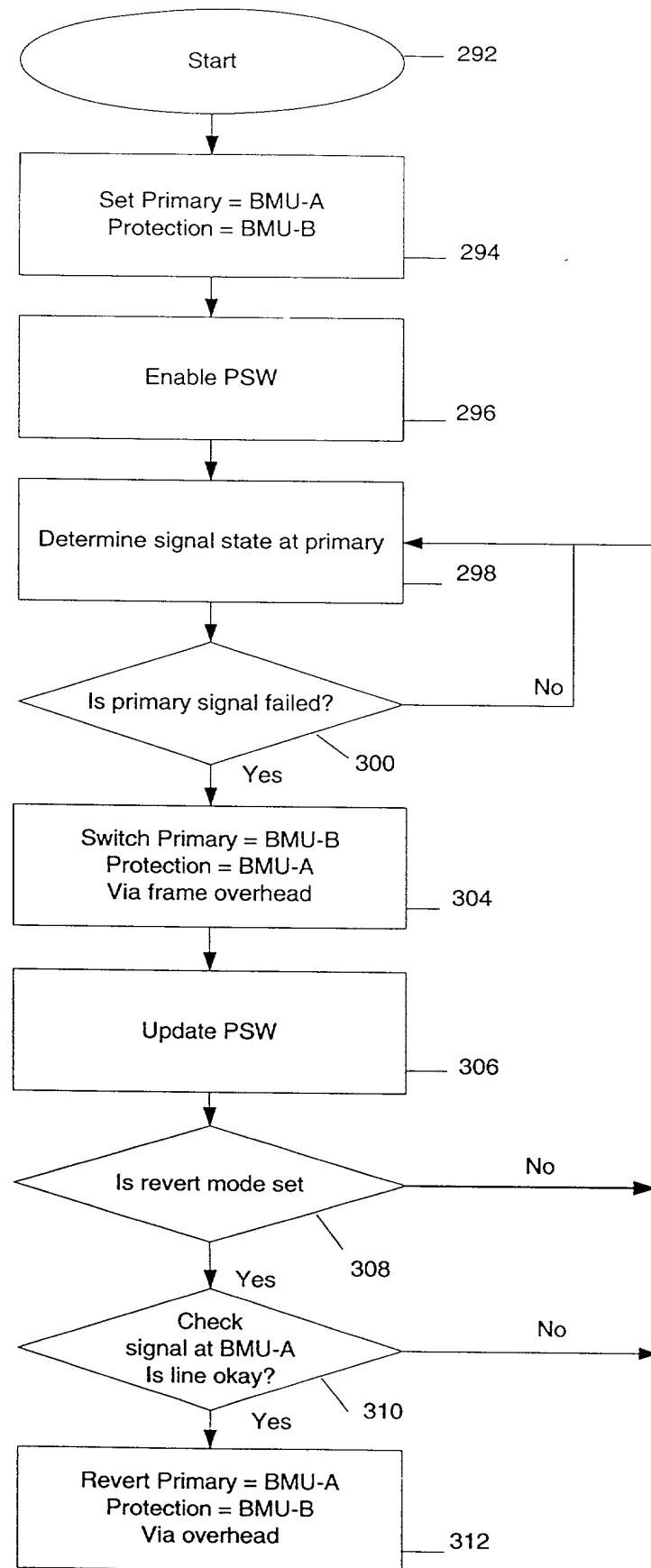


FIGURE 10

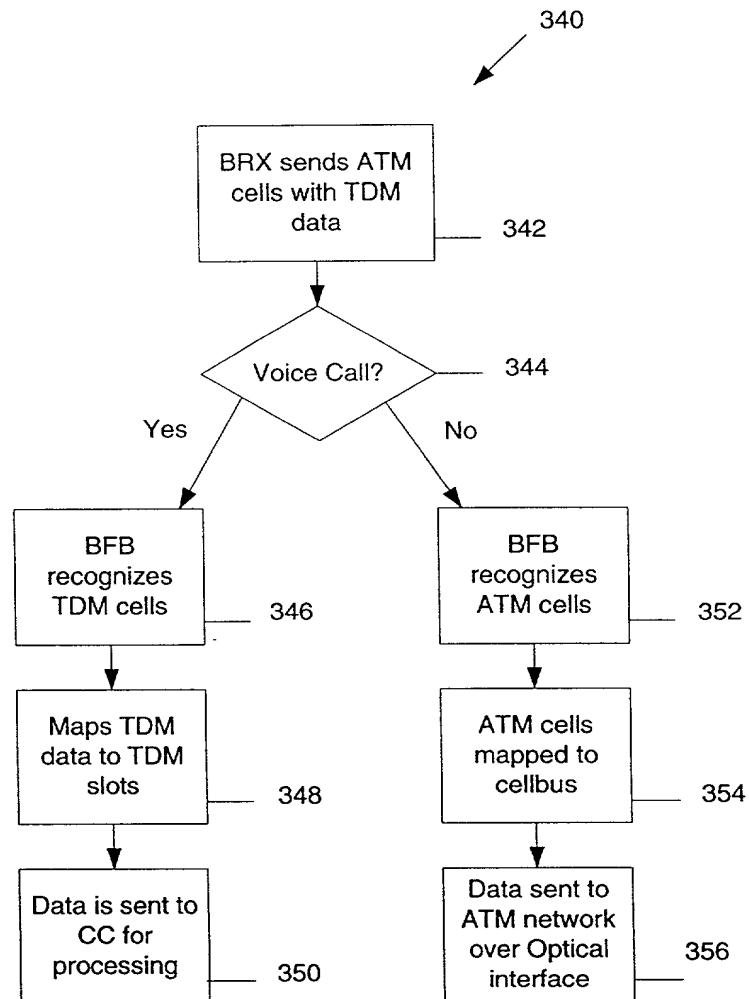


FIGURE 12

FIGURE 13

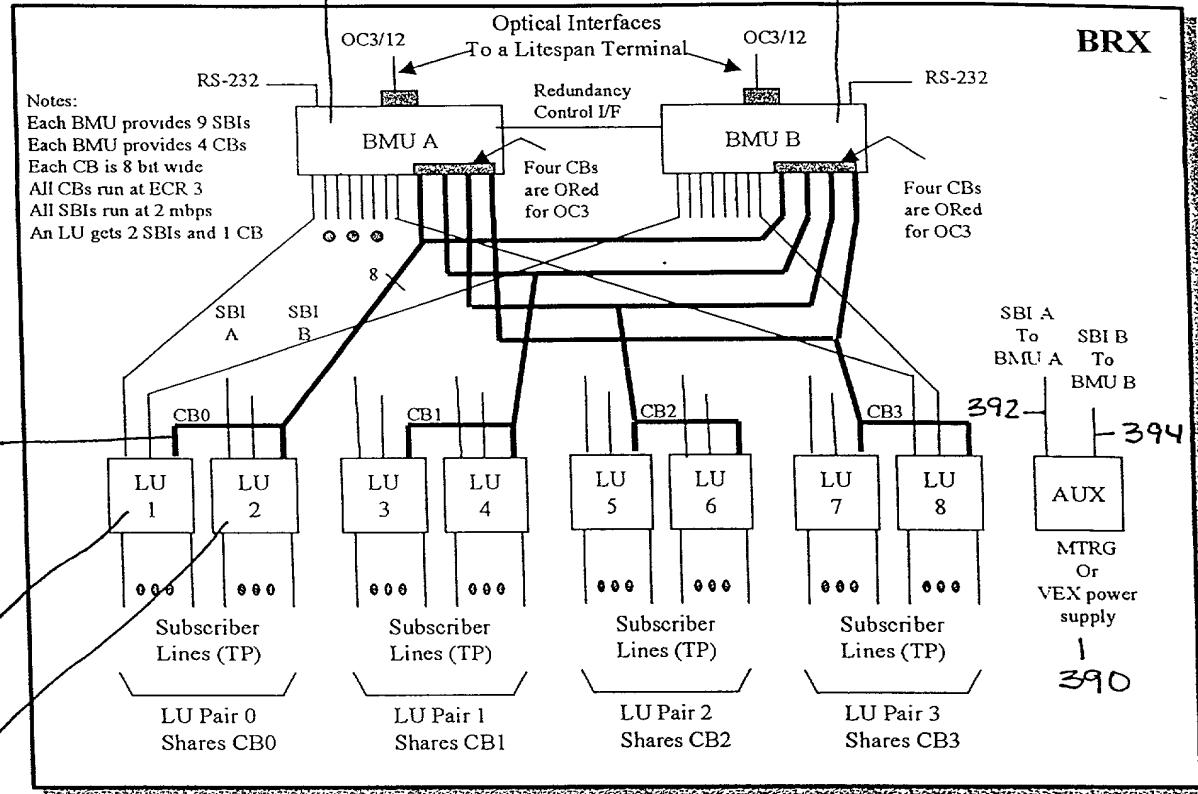


FIGURE 13

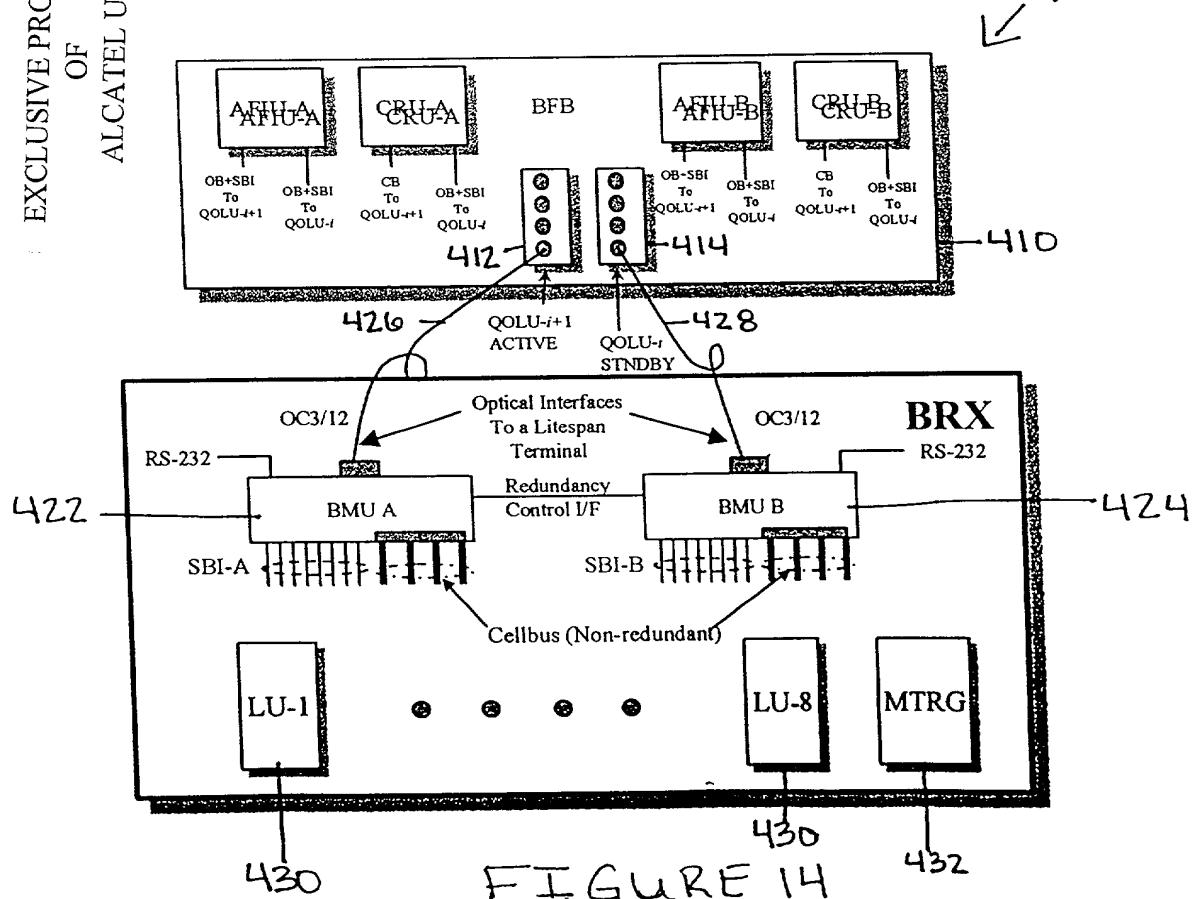


FIGURE 14

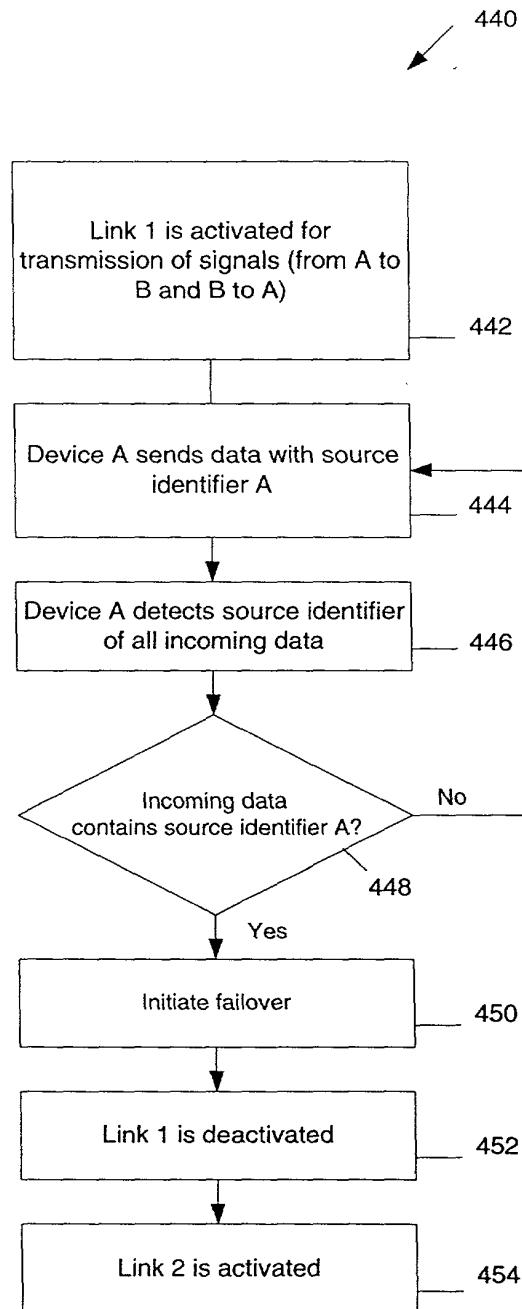


FIGURE 15

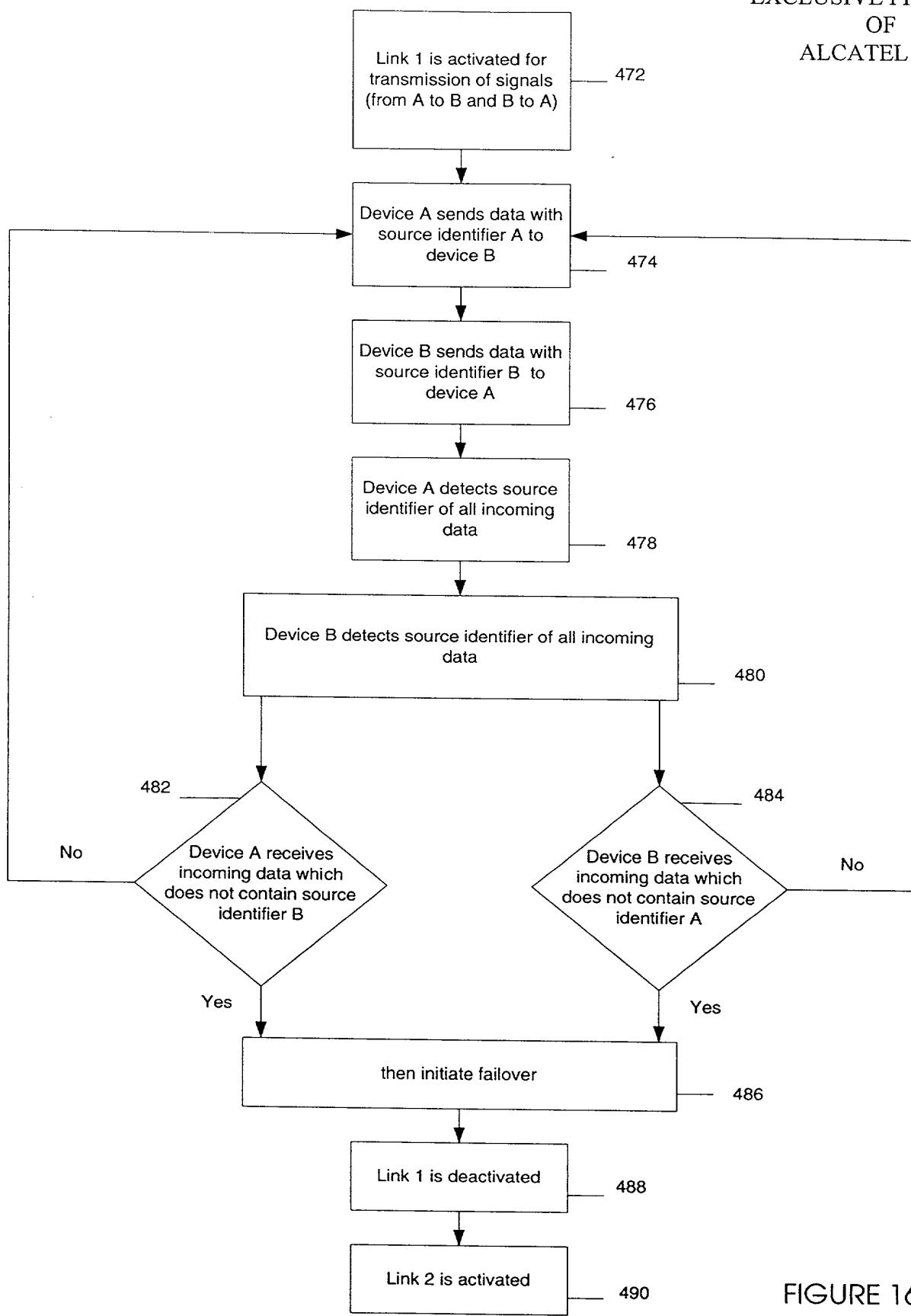


FIGURE 16